

## EXPLANATION OF PLATE IX.

- FIG. 1. Venation of *Polyhymno acaciella* Busck.  
 " 2. " " *Triconella pergandeella* Busck.  
 " 3. " " *Euclemensia schwarziella* Busck.  
 " 4. " " *Scelorthus pisoniella* Busck.  
 " 5. " " *Lampratophus lithella* Busck.  
 " 6. " " *Leucoptera smilaciella* Busck.  
 " 7. " " *Tinea oregonella* Busck.  
 " 8. " " *Eucatagma amyrisella* Busck.  
 " 9. " " *Hemcrophila dyari* Busck.

## IN MEMORIAM: REV. DR. GEORGE D. HULST.\*

BY ARCHIBALD C. WEEKS.

The Rev. Dr. George D. Hulst was stricken with neuralgia of the heart on the morning of November 5, 1900, as he was preparing to visit some sick members of his congregation, and expired almost immediately.

Upon arising in the morning he complained of having suffered much pain during the night, and summoned his family physician, who prescribed a simple remedy and remained at the house until it was obtained, Dr. Hulst meanwhile genially rallying him upon its potency and character, and apparently as buoyant and animated as usual. After the departure of the physician he sat by the window resting his head upon his hands, and as his daughters came through the hall he rose to speak to them. Hardly had he done so than he sank slowly to the floor, death being instantaneous and as surprising as it was unexpected. He had never had what might be termed a sick day, and by his lifelong habits of temperance had retained to a remarkable degree his boyish activity and sprightliness. Only the day before, while conversing with members of his congregation, he had spoken of his excellent health.

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\*An address delivered before the New York Entomological Society, December 4, 1900.

Notwithstanding the urgent demands upon his time and endurance by his profession, he was about preparing to summon together his long-known friends and sympathizers in the pursuit of entomology, renew the associations which had been interrupted for several years by his engagements, and toil with undiminished energy toward the completion of his investigations in the branches of that science to which he had particularly devoted himself for a number of years.

Dr. Hulst at the time of his death was the pastor of the South Bushwick Reformed Church, at Bushwick Avenue and Himrod Street, Brooklyn, and had held this position from the beginning of his ministry, July 4, 1869. An unbroken pastorate extending through so many years would seem to be all the evidence required to prove his worth and the affection and esteem of his congregation for him. But this is not all. Charity and works with him went hand in hand. Every honest seeker after employment received from him a courteous hearing and aid to the extent of his power. Over one hundred distressed families were said to have been relieved by him during a period of so-called hard times. The funeral services were held in the church where he had ministered so long, and so large was the attendance that fully one-half of those assembled were unable to gain admission.

He was born in the old Duryea Homestead at the Penny Bridge, Brooklyn, on March 9, 1846, attended Jonesville Academy in Saratoga County, N. Y., entered Rutgers College at New Brunswick, N. J., and received in addition to his diploma a gold medal from that institution for his proficiency in the classics. He was graduated from the Theological Seminary in 1869. From his boyhood he had manifested a deep interest in nature, especially in plant and insect life, and this interest, supplemented by painstaking study, had justly raised him to a high rank as a botanist and entomologist. His knowledge and attainments in these sciences were always at the service of the public, and the humblest seeker after information received equal courtesy and consideration from him.

Notwithstanding the demands of his congregation upon his leisure, and without neglecting his duties to them, he still found opportunity for the exercise of his natural inclinations and talents. He delivered a course of lectures upon entomology at Rutgers College, and for a time acted as State Entomologist of New Jersey; was one of the editors of *Entomologica Americana*, a publication of the Brooklyn Entomological Society, from 1887 to 1889, and served that society as a

member in many capacities for a number of years. He was also a member of the New York Entomological Society and a member of the Brooklyn Institute of Arts and Sciences, being President of its Department of Botany and an officer of its Department of Entomology, and annually delivered lectures before these departments in their respective courses. For twenty years he had been a member and subsequently a Fellow of the American Association for the Advancement of Science, an honor conferred upon him in recognition of his scientific researches and attainments, and for like reason he received from his own College the degree of Doctor of Philosophy. He was one of the first members of the Holland Society, tracing his descent from the Von Holst family, who at an early period settled in Brooklyn, and from whose name his own was derived.

It is unnecessary to give in detail a list of Dr. Hulst's numerous contributions to botanical and entomological literature. Many of the latter consist of short papers upon miscellaneous subjects, scattered chiefly through the Bulletin of the Brooklyn Entomological Society, published from 1878 to 1885, *Entomologica Americana* published from 1885 to 1890, *Journal New York Entomological Society*, and the *Transactions of the American Entomological Society*, in which latter the majority of his descriptions of species appears.

He worked in both macro- and micro-lepidoptera, and described many species in various genera of both divisions. One of his principal papers is a very complete synopsis of the genus *Catocala*, published in the June (1884) number of the Bulletin. He also did much systematic work in the Phycitidæ and Epipaschiinæ, but his best efforts seem to have been reserved for the Geometridæ, in which family his described species outnumber those of any other author. It had been his ambition to place the knowledge of this intricate and troublesome family upon an orderly and exact basis, and it is to be deeply regretted that he was unable to realize the fruition of his hopes in the cause of entomological learning.

His collection of Geometridæ was one of the best, if not the best, in the country. Many of his types were deposited in the Museum of the Brooklyn Institute, but his collection of lepidoptera was some years ago donated and delivered to Rutgers College, Dr. Hulst only retaining in his custody such portion as he required for study and comparison.

His widow, two daughters and one son survive him.